



Docket No.: 4980-108 US

The undersigned certifies that this communication is being deposited with the United States Postal Service as prepaid first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on February 23, 2004.

  
Diane Dunn McKay

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
WANG et al.

Serial No.: 10/725,803

Filed: January 7, 2004

Title: VEHICLE MOUNTED SATELLITE  
ANTENNA SYSTEM WITH RIDGED  
WAVEGUIDE

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: Group Art Unit: TBD  
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: Examiner: TBD  
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x

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, Applicant hereby brings to the attention of the United States Patent and Trademark Office the following documents of which Applicant has been made aware. The documents are listed on the attached PTO Form 1449. Copies of the documents are enclosed.

Applicant submits that this Information Disclosure Statement is submitted prior to a first action on the merits.

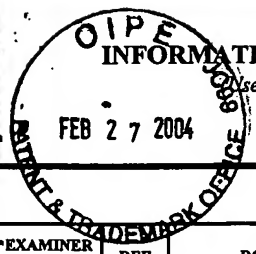
It is requested that the references be considered by the Examiner and be made of record as part of the available prior art under 37 C.F.R. § 1.104.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Diane Dunn McKay", written over a horizontal line.

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Attorney for Applicant

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|---|--|---|--|
| Docket Number (Optional)<br><b>4980-108US</b> |  | Application Number<br><b>10/725,803</b> |  |
| Applicant(s)<br><b>WANG, Wenzhang</b>         |  |   |  |
| Filing Date<br><b>January 7, 2004</b>         |  | Group Art Unit<br><b>TBD</b>            |  |

**U.S. PATENT DOCUMENTS**

| EXAMINER<br>INITIAL | REF | DOCUMENT NUMBER | DATE       | NAME              | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|-----|-----------------|------------|-------------------|-------|----------|-------------------------------|
|                     |     | 3,503,073       | 03/24/1970 | AJIOKA            | 343   | 771      |                               |
|                     |     | 4,673,946       | 06/16/1987 | HOOVER            | 343   | 776      |                               |
|                     |     | 5,398,035       | 03/14/1995 | DENSMORE et al.   | 343   | 713      |                               |
|                     |     | 5,961,092       | 10/05/1999 | COFFIELD          | 248   | 539      |                               |
|                     |     | 5,982,333       | 11/09/1999 | STILLINGER et al. | 343   | 766      |                               |
|                     |     | 6,028,562       | 02/22/2000 | GULER et al.      | 343   | 771      |                               |
|                     |     | 6,049,306       | 04/11/2000 | AMARILLAS         | 342   | 359      |                               |
|                     |     | 6,127,985       | 10/03/2000 | GULER             | 343   | 771      |                               |
|                     |     | 6,539,068       | 03/25/03   | HEBRON et al.     | 375   | 346      |                               |
|                     |     | 6,624,787       | 09/23/2003 | PUZELLA et al.    | 285   | 328      |                               |
|                     |     | 6,633,744       | 10/14/2003 | HOWELL            | 250   | 559.29   |                               |

**FOREIGN PATENT DOCUMENTS**

|  | REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation |    |
|--|-----|-----------------|------|---------|-------|----------|-------------|----|
|  |     |                 |      |         |       |          | YES         | NO |
|  |     |                 |      |         |       |          |             |    |
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|  |     |                 |      |         |       |          |             |    |

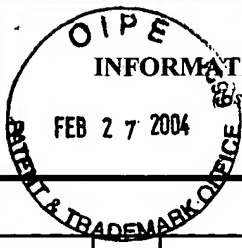
**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |  |   |
|--|--|---|
|  |  |   |
|  |  | K. Sakakibara et al., IEEE Transaction of Vehicular Technology, January 1999. |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

FEB 27 2004

Docket Number (Optional)

4980-108US

Application Number

10/725,803

Applicant(s)

WANG Wenzhang

Filing Date

January 7, 2004

Group Art Unit

TBD

## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL | REF | DOCUMENT NUMBER | DATE       | NAME        | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----|-----------------|------------|-------------|-------|----------|-------------------------------|
|                      |     | 6,634,027       | 10/14/2003 | JOHNSON     | 348   | 308      |                               |
|                      |     | 6,639,566       | 10/28/2003 | KNOP et al. | 343   | 780      |                               |
|                      |     | 6,653,981       | 11/25/2003 | WANG et al. | 343   | 713      |                               |
|                      |     | 2003/0080898 A1 | 05/01/2003 | WANG et al. | 342   | 359      |                               |
|                      |     | 2003/0083063 A1 | 05/01/2003 | WANG et al. | 455   | 427      |                               |
|                      |     | 2003/0080907 A1 | 05/01/2003 | WANG et al. | 342   | 713      |                               |
|                      |     | 6,657,589       | 12/02/2003 | WANG et al. | 342   | 383      |                               |
|                      |     | 6,657,599       | 12/02/2003 | SOLBACH     | 343   | 767      |                               |
|                      |     |                 |            |             |       |          |                               |
|                      |     |                 |            |             |       |          |                               |
|                      |     |                 |            |             |       |          |                               |

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|--|-----|-----------------|------|---------|-------|----------|-------------|----|
|  |     |                 |      |         |       |          | YES         | NO |
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|  |     |                 |      |         |       |          |             |    |
|  |     |                 |      |         |       |          |             |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |  |   |
|--|--|---|
|  |  | Peshlov. V et al., Sky Gate BG, IEEE 2003, Phased-array antenna conference. |
|  |  |   |

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